

Abstract of the Disclosure

Coaxial line having forced cooling

- 5 A coaxial line, via which HF currents of more than 1 MW may be transmitted due to improved cooling, even in continuous operation, includes an inner conductor (3), through which the coolant may be conducted. The coolant may be supplied and removed via hollow insulating material struts (5).
- 10 Particularly if a liquid coolant is used, a significant savings in weight is achieved practically without reducing the efficiency of the cooling if a tube (7) of smaller diameter is positioned in the inner conductor (3) and the coolant only flows through the annular space (8) between
- 15 this tube (7) and the inner conductor (3).